Light and shadows

Do you know how light travels? Select the missing words from the torch below and fill in the gaps.

| Light travels in | lines from a | | of ligh | t, which |
|---------------------------------|-------------------------|-------------------------|-------------|------------|
| bounces off an object. We can s | ee the object because t | the | enters | our eyes. |
| Wood and cardboard are | obj | ects, which light c | annot trave | l through. |
| is a | | material | which all | ows light |
| to pass through. Tissue paper i | s | which wi | Il let some | light |
| travel through. When an object | blocks out the | , α | | , ve |
| is formed. Shadows are | at | midday and | | |
| at the end of the day. | | | | |
| | | | / | light |
| | | 2000-000 B | parent | source |
| 0 | light | ongest sha opaque | dow | straight |
| | | trans | lucent | glass |
| | | | | shortest |

Use the sunshine this week or a torch to create shadow animals. Shadows occur when an opaque object blocks the light. You can use the pictures on the next page to create shadow puppets or you can use your hands, see the Youtube video for ideas.



